

A. System Overview



Code Conductor, Standard Barrel, Butt Splice

B1. Cable Ties

For Use with Stranded Copper Conductors

B2. Cable Accessories

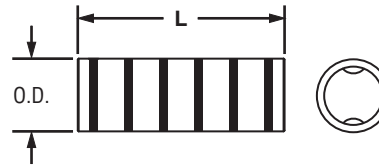
Type SCS

- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3
- American Bureau of Shipping approved

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection



C4. Cable Management

| Part Number | Copper Conductor Size | Figure Dimensions (In.) | | Panduit Color Code | Panduit Die Index No.‡ | Burndy Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|------------------|-----------------------------|-------------------------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
| | | Barrel O.D. | L | | | | | | |
| SCS8-L | #8 AWG | 0.27 | 1.50 | Red | P21 | 49 | 21 | 11/16 | 50 |
| SCS6-L | #6 AWG | 0.31 | 1.75 | Blue | P24 | 7 | 24 | 13/16 | 50 |
| SCS4-L | #4 – #3 AWG STR, #2 AWG SOL | 0.38 | 1.75 | Gray | P29 | 8 | 29 | 13/16 | 50 |
| SCS2-Q | #2 AWG | 0.42 | 1.87 | Brown | P33 | 10 | 33 | 7/8 | 25 |
| SCS1-E | #1 AWG | 0.47 | 1.87 | Green | P37 | 11 | 37 | 7/8 | 20 |
| SCS1/0-X | 1/0 AWG | 0.52 | 1.87 | Pink | P42 | 12 | 42 | 7/8 | 10 |
| SCS2/0-X | 2/0 AWG | 0.58 | 2.00 | Black | P45 | 13 | 45 | 15/16 | 10 |
| SCS3/0-X | 3/0 AWG | 0.64 | 2.12 | Orange | P50 | 14 | 50 | 1 | 10 |
| SCS4/0-X | 4/0 AWG | 0.71 | 2.12 | Purple | P54 | 15 | 54 | 1 | 10 |
| SCS250-X | 250 kcmil | 0.77 | 2.25 | Yellow | P62 | 16 | 62 | 1 1/16 | 10 |
| SCS300-X | 300 kcmil | 0.81 | 2.25 | White | P66 | 17 | 66 | 1 1/16 | 10 |
| SCS350-X | 350 kcmil | 0.87 | 2.37 | Red | P71 | 18 | 71 | 1 1/8 | 10 |
| SCS400-6 | 400 kcmil | 0.95 | 2.50 | Blue | P76 | 19 | 76 | 1 3/16 | 6 |
| SCS500-6 | 500 kcmil | 1.05 | 2.87 | Brown | P87 | 20 | 87 | 1 3/8 | 6 |
| SCS600-6 | 600 kcmil | 1.18 | 2.87 | Green | P94 | 22 | 94 | 1 3/8 | 6 |
| SCS750-6 | 750 kcmil | 1.29 | 3.37 | Black | P106 | 24 | 106 | 1 5/8 | 6 |
| SCS1000-3 | 1000 kcmil | 1.50 | 3.87 | White | P125 | 27 | 125 | 1 7/8 | 3 |

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

‡See pages D3.58 – D3.61 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.